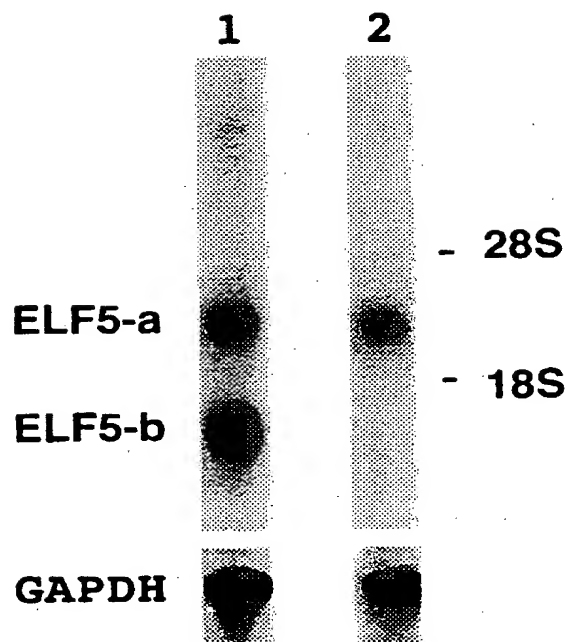


SUBSTITUTE SHEET (Rule 26) (RO/AU)

Figure 1a

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**Figure 1b**

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| | | |
|-------|---|-----|
| hELF5 | MLDSVTHSTFLPNASFCFCDPLMSWTDLFSNEEYYPAFEHQIACDSYWTSVH | 50 |
| mELF5 | MLDSVTHSTFLPNASFCFCDPLMPWTDLFSNEDYYPAFEHQIACDSYWTSVH | 50 |
| | CKII CKII CKII | |
| hELF5 | PEYWKRRHVWENLQFCCDQYKLDTNCISFCNFNISGLQLCSMTQEEFVEA | 100 |
| mELF5 | PEYWKRRHVWENLQFCCDQYKLDANCISFCHFNISGLQLCSMTQEEFIEA | 100 |
| | PKC CKII | |
| hELF5 | AGFCGEYLYFILLQNI RTQGYSEFFNDAEESKATIKDYADSNCLKTSGIKSQ | 150 |
| mELF5 | AGICGEYLYFILLQNI RSQGYSEFFNDAEETKTGIKDYADSSCLKTSGIKSQ | 150 |
| | | |
| hELF5 | DCHSHRSTLSQSSHLWEFVRDLLISPEENC GILEWEDREQGIFRVVKSEA | 200 |
| mELF5 | DCHS--RTSLQSSHLWEFVRDLLISPEENC GILEWEDREQGIFRVVKSEA | 198 |
| | CKII | |
| hELF5 | LAKMWGQKKNDRMVYEKLSRALRYYYKTGILERVDRRLVYKFGKNAHW | 250 |
| mELF5 | LAKMWGQKKNDRMVYEKLSRALRYYYKTRILERVDRRLVYKFGKNAHW | 248 |
| | TYP | |
| hELF5 | QEDKL* | 255 |
| mELF5 | QEEKL* | 253 |

Figure 2a

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| | IDENTITY (%) |
|----------------|--------------|
| hELF5 | 100 |
| mELF5 | 98 |
| hELF3 | 67 |
| mELF3 | 67 |
| hNERF | 49 |
| dETS4 | 48 |
| de74A | 48 |
| hELF1 | 46 |
| hELK1 | 46 |
| hTEL | 44 |
| hERM | 44 |
| mER81 | 44 |
| mPEA3 | 44 |
| mGABP α | 44 |
| mERP | 42 |
| dETS6 | 42 |
| mPU1 | 42 |
| hPE1 | 42 |
| hSAP1 | 42 |
| hSPIB | 42 |
| dYAN | 41 |
| hERG | 41 |
| mLI1 | 41 |
| deLG | 40 |
| dETS3 | 39 |
| mETS1 | 37 |
| mETS2 | 37 |
| mER71 | 36 |
| consensus | |

LWEFVRDLLLSPE--ENCIGILEWEDREQGIFRVV--KSEALAKMVGQK--KNDRMTYEKLSRALRYYYKTGILERVD--RRLVYKF
 LWEFVRDLLLSPE--ENCIGILEWEDREQGIFRVV--KSEALAKMVGQK--KNDRMTYEKLSRALRYYYKTRILERVD--RRLVYKF
 LWEFIRDILIHPE--INEGLMKWENRHEGVFKFL--RSEAVAQLMGQKK--KNSNMTYEKLSRAMRYYYKREILERVD--GRLVYKF
 LWEFIRDILIHPE--INEGLMKWENRHEGVFKFL--RSEAVAQLMGQKK--KNSNMTYEKLSRAMRYYYKREILERVD--GRLVYKF
 LWEFLLDLLQDN--TCPRIYIKWTQREKIGFKLV--DSKAVSKLWGKHK--NKPDMNYETMGRALRYYYQORGILAKVE--GQRLVYQF
 LWQFLKELLASPO--VNGTAIRWIDRSKGIFKIE--DSVRVAKLWGRKK--NRPAMNYDKLSRSIRQYKKGIMKKTTERSQRLVYQF
 LWEFLLKLLQDRE--YCPRFIKWTNREKGVFKLV--DSKAVSRLWGKHK--NKPDMNYETMGRALRYYYQORGILAKVD--GQRLVYHF
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 LWQFLQALLREQ--GNGHIIISWTSRDGGEFKLV--DAEEVARLWGLRK--NKTNNMNYDKLSRALRYYYDKNIIRKVS--GQKFVYKF
 LWQVYVQLLSDS--RYENFIRWEDKESKIFRIV--DPNGLARLWGNHK--NRTNMTYKMSRALRHYKLNIIIRKEP--GQRLFRF
 LWQFLVTLLODP--ANAHFIAWTGR--GMEFKLI--EPEEVARRWGIQK--NRPAMNYDKLSRSRLRYYYEKGIMQKVA--GERYVYKF
 LWQFLVALLDDP--SNSHFIAWTGR--GMEFKLI--EPEEVARRWGIQK--NRPAMNYDKLSRSRLRYYYEKGIMQKVA--GERYVYKF
 LWQFLVALLDDP--TNAHFIAWTGR--GMEFKLI--EPEEVARRWGIQK--NRPAMNYDKLSRSRLRYYYEKGIMQKVA--GERYVYKF
 LWQFLLELLTDK--DARDICISWVGDEG--EFKLI--QPELVAQKWQKK--NKPDMNYEKLRSRALRYYYDGMICKVQ--GKRFFVYKF
 LWQFLLELLLDQ--KHEHLICWTSNDG--EFKLI--KAEVAKLWGLRK--NKTNNNYDKLSRALRYYYDKNIIKKVI--GQKFVYKF
 LWQFLLELLADS--SNANAIWEGQSG--EFLI--DPDEVARRWGERK--AKPNMNYDKLSRALRYYYDKNIMTKVH--GKRYAYKF
 LYQFLLDLLRS--DMKDSIWWVDKGTGFQSSKHKEALAHRWGIQKGNRKKMTYQMARALRNYGKTGEVKKVK--KKLTYQF
 LWHFILLELLQKE--EFRHVIAWQGEYGEFVIK--DPDEVARRWGERK--CKPQMNYDKLSRALRYYYNKRILHKTG--GKRFTYKF
 LWQFLQALLQKP--QNKHMICWTSNDG--QFKLI--QAEVARRWGIQK--NKPDMNYDKLSRALRYYYVKNIIKKVN--GQKFVYKF
 LYQFLGLLTRG--DMRECVWVPEGAGVGFQSSKHKEALLARWGIQKGNRKRMTYQKLARALRNYAKTGEIRKVK--RKLTYQF
 LWDFLQALLNDRNQYSDLIAWKCRDTGVFKIV--DPAGLAKLWGIQK--NHLSMNYDKMSRALRYYYRVNILRKVQ--GERHCYQF
 LWQFLLELLSDS--SNSSCITWEGTNG--EFKMT--DPDEVARRWGERK--SKPNMNYDKLSRALRYYYDKNIMTKVH--GKRYAYKF
 LWQFLLELLSDS--ANASCITWEGTNG--EFKMT--DPDEVARRWGERK--SKPNMNYDKLSRALRYYYDKNIMTKVH--GKRYAYKF
 LWQFLLEILLTDC--EHTDVIEWVGTEG--EFKLT--DPDRVARLWGEKK--NKPAMNYEKLRSRALRYYYDGMICKVQ--GKRFFAYKF
 LWQFLLELLSDS--NNASCITWEGTNG--EFKLT--DPDEVARRWGERK--SKPNMNYDKLSRALR-----
 LWQFLLELLTDK--SQSFISWTGDG--EFKLS--DPDEVARRWGERK--NKPDMNYEKLRSGLRYYDKNIIHKTA--GKRYVYRF
 LWQFLLELLSDK--SQSFISWTGDG--EFKLA--DPDEVARRWGERK--NKPDMNYEKLRSGLRYYDKNIIHKTS--GKRYVYRF
 LWQFLKLLQDG--ARSSCIRWTGNSR--EFQLC--DPKEVARLWGERK--RKPGMNYEKLRSGLRYYRRDIVLKS--GKRYTYRF
 LWQFLLLLD D I W FK VAR WG K P MNY KLSR LRYYY I K GR Y F

Figure 2b

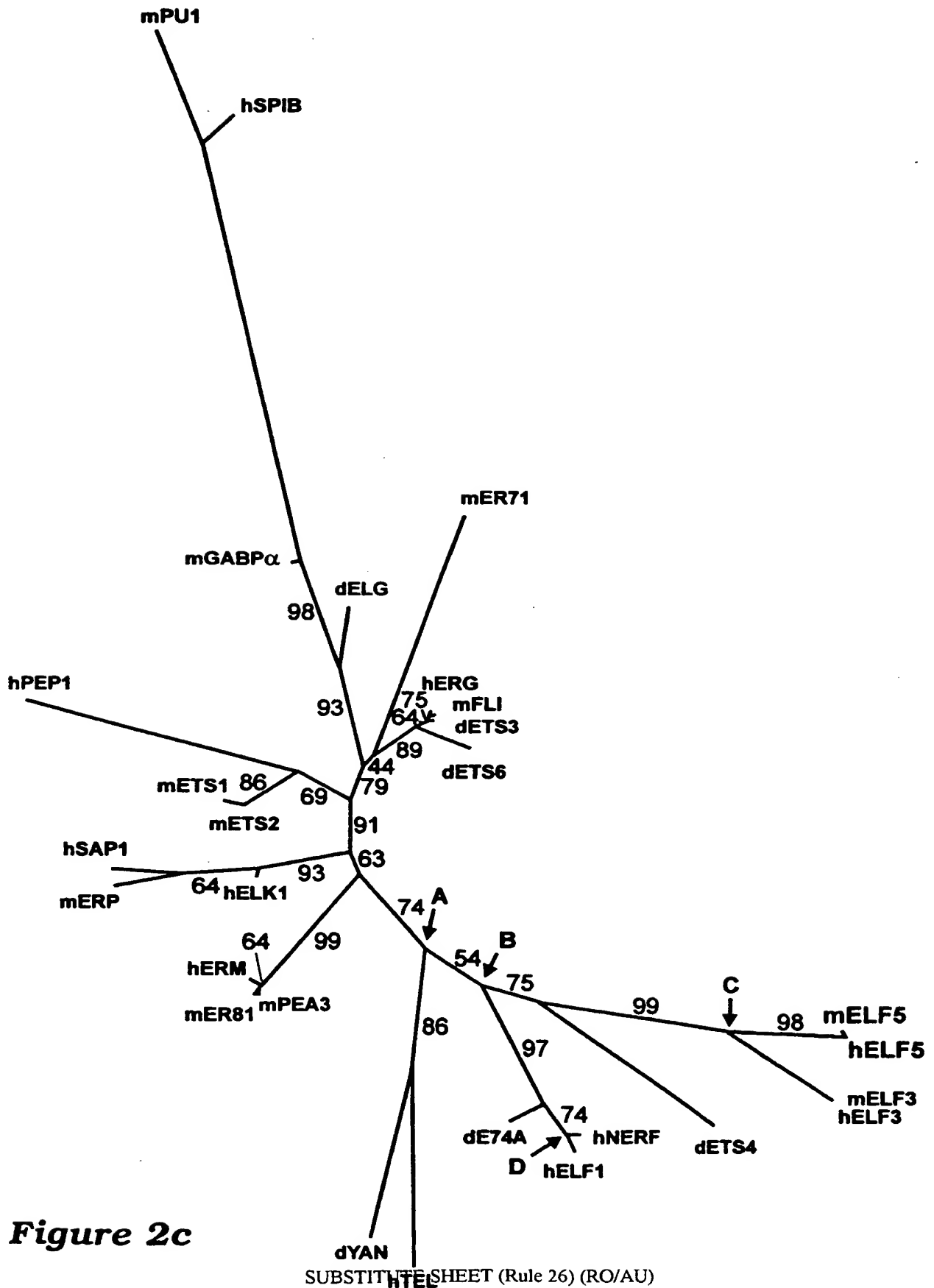


Figure 2c

09786043 E4098760

WO 00/12695

09 / 786043
PCT/AU99/00691

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| | Identity (%) |
|-------|--|
| hE0F5 | A-SFCDPL-MSWTDLFSNEEYYPATFEHQACDSYWTSVHPEYWTKRHWVWELQFCCDQYKLDI-NCIS-FCNFNISGLQCSMTQEEFVEAAG-FCGEYLYFILLQNI |
| hE0F5 | A-SFCDPL-MPWTDLFSNEDYYPATFEHQACDSYWTSVHPEYWTKRHWVWELQFCCDQYKLDI-NCIS-FCHFNISGLQCSMTQEEFIEAAG-ICGEYLYFILLQNI |
| hE0F5 | E-SNPMNYN-SYMDEK-NGPPPPNMTNERRVIVPA-DPTLWSTDHVRQWLEWAVKEYGLPDVN-ILLFQ--NIDGKELCKMTKDDFORLTPSYNADILLSHLHYLRE |
| hE0F3 | A-SVP-PAATFGADDLVLTLSNPQMSLEGTEKASWLGEQPFWSKTQVLDWISYQVEKNKYDA-SAID-FSRCMDMGATLCNCALEELRLVFG-PLGDQLHAQLRDLTS |
| hE0F1 | PESPV-PSYASSTPLHVPVPRALRMEEDSIRLPAHLRLQPIYWSRDDVAQWLKWAENEFSLRO-IDSNTFE-MN--GKALLLLTKEDFRYRSP-HSGDVLVELLGHKIQ |
| hE0F1 | ITTISDETSEQVTRWAAALEGYRK-EQERLGIPY-----DPIQWSTDQVLHWVWVMKEFSMTDIDLTL-----NISGRELCANTHEEFNQKLPRDPGNI |
| hE0F1 | PLLTSSSKEMMSQALKATFSGFTK-EQRLGIPY-----DPRQWSTETKVRDWMWAVNEFSLKGVDFQK-FC-MN--GAALCALGKDCFLELAPDFVGDILWEHLEILQK |
| hE0F2 | PLLTSSSKAVMSQALKATFSGFKK-EQRLGIPK-----NPWLWSEQQVQWLLWATNEFSLVNVNLQR-FG-MN--GQMLCNLGRERFLELAPDFVGDILWEHLEQMIK |
| hE0F2 | LNSLN-PGIWSDVLWRCPPAPSSQLAELKTLQPPSLPSDPRLMSREDVLVFLRCVREFDLPK-LDFDLFQ-MN--GKALCLLTRADEFGHRCP-GAGDVLHNVLMQLII |
| hE0F2 | PPLTPGTNRKRVNEVLKASFASWEK-EVQKCNITK-----DPREWTEEHVIYWLWAKNEFSLVSMNLDP-FYKMK--GRAMVDLGKKEFLAITPPFTGDILWEHLDILQK |
| hE0F2 | MS |
| hE0F2 | F FKK E QRL IP DP WS HV WL WAVEFSL NLI F MN GKELC L KEDFLER P F GDILWEHLE LRK |

Figure 2d

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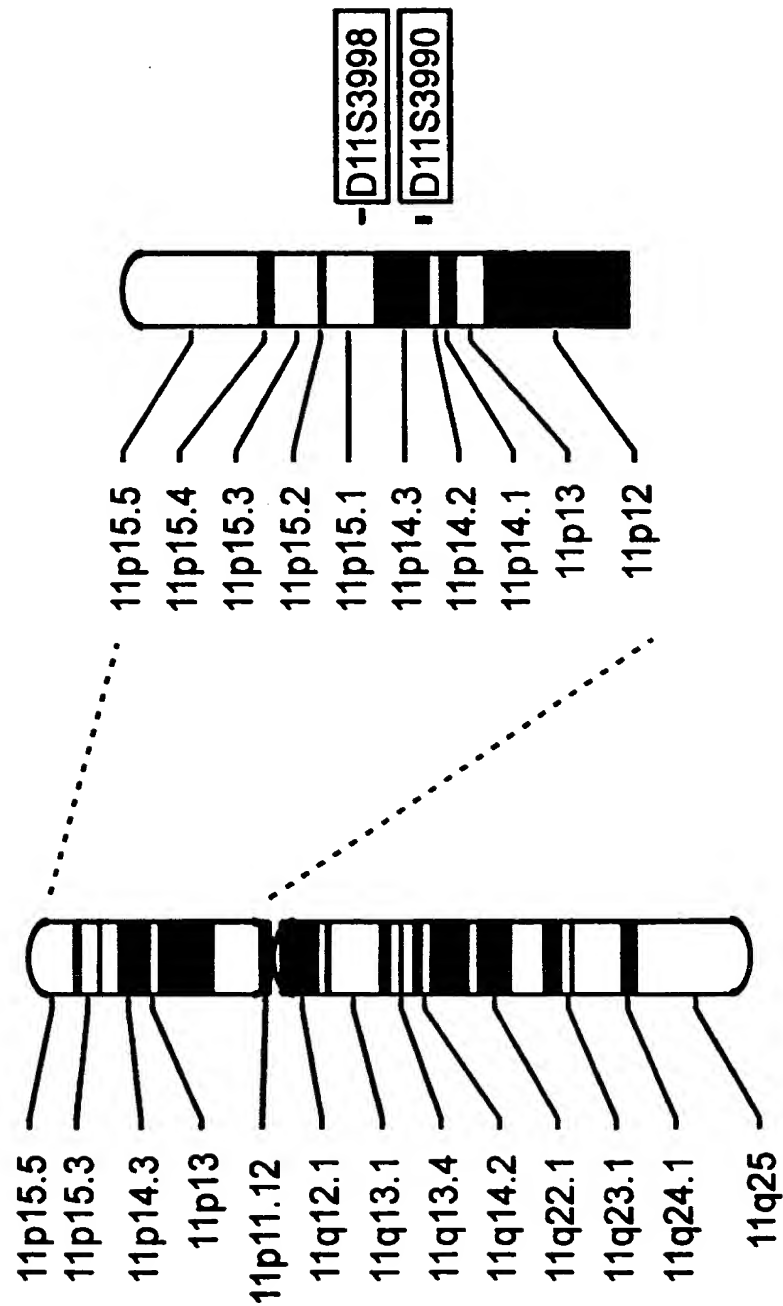


Figure 3

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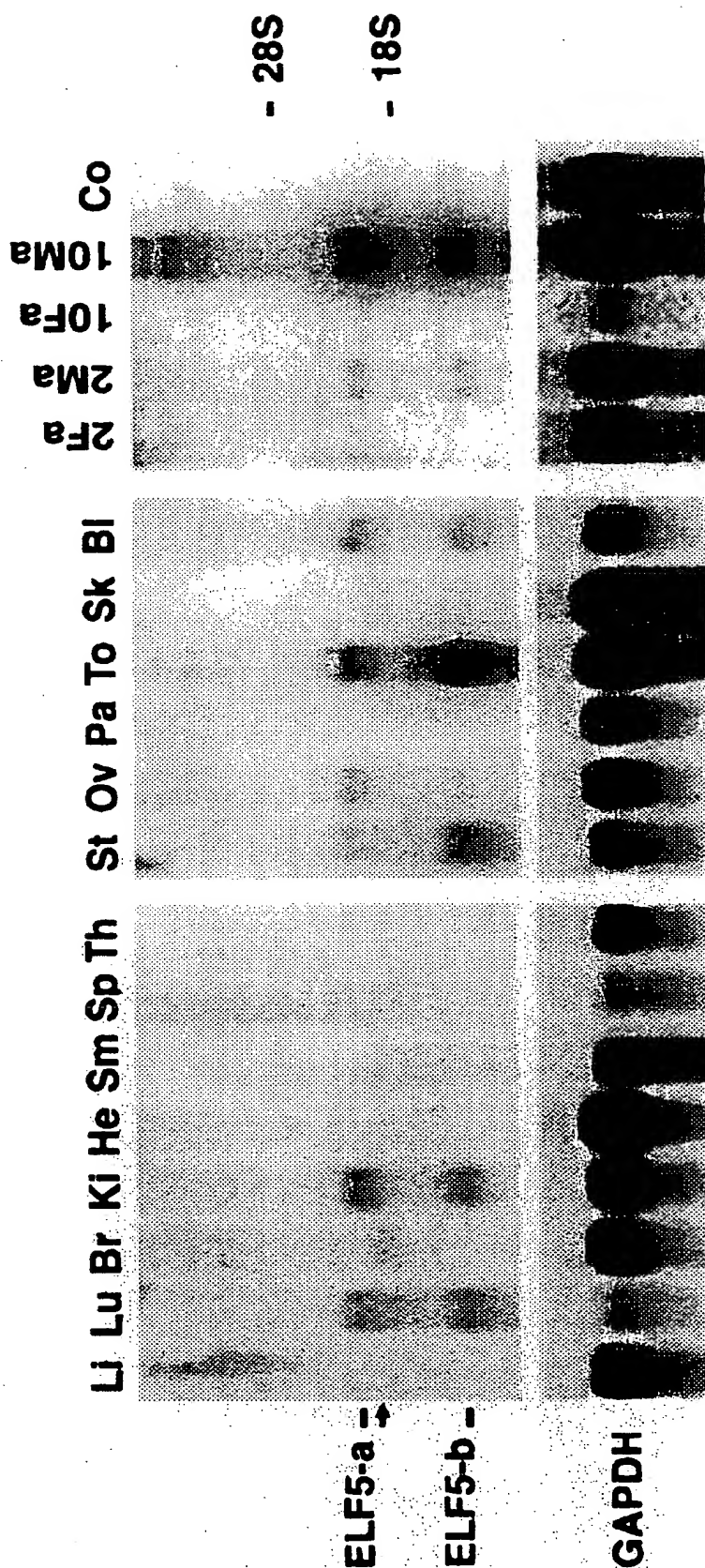
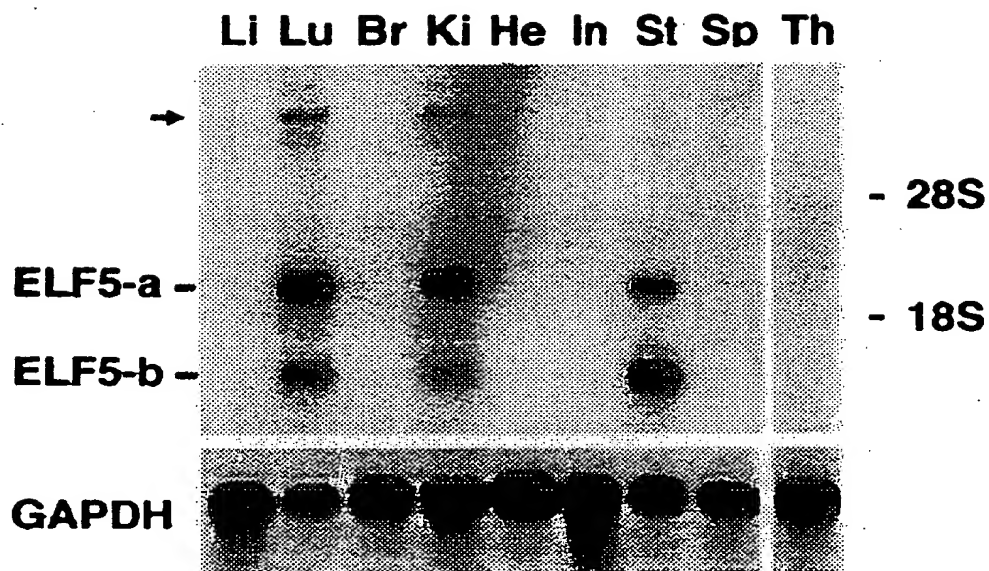


Figure 4a

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**Figure 4b**

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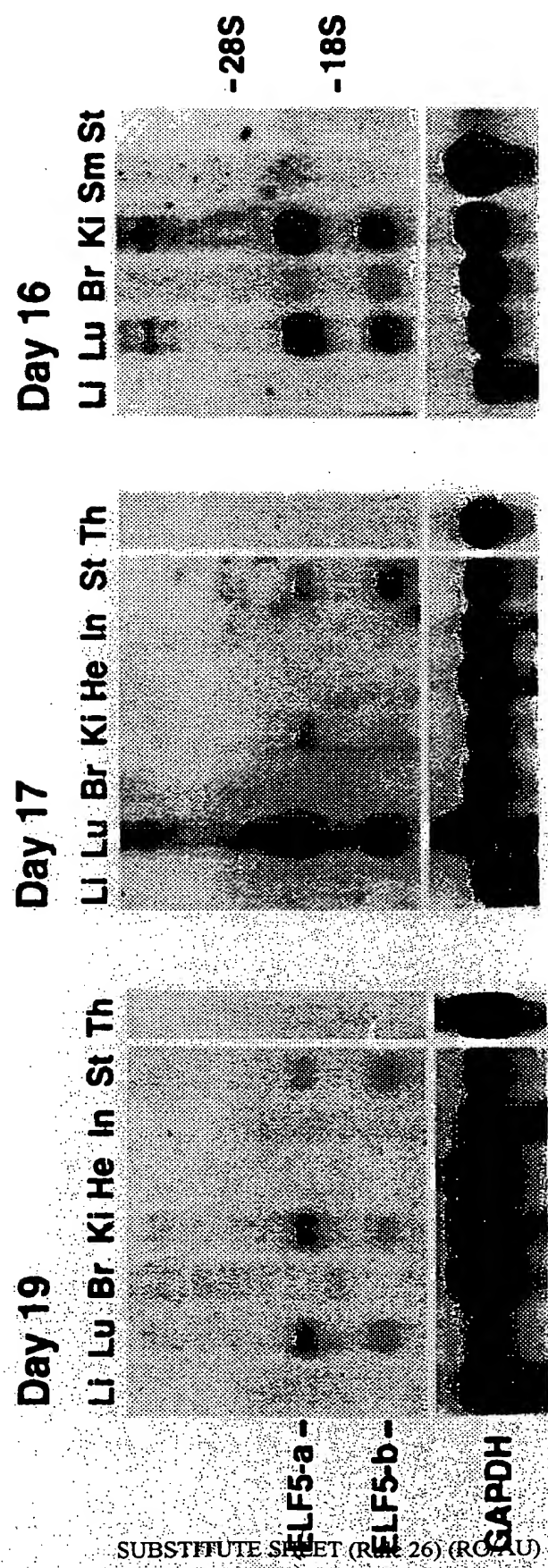
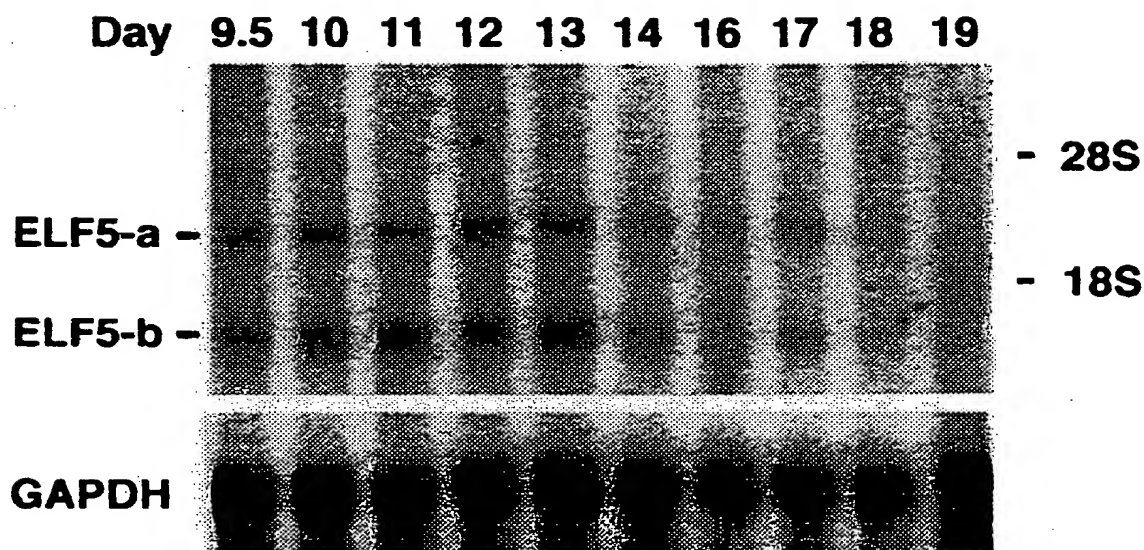


Figure 4c

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**Figure 4d**

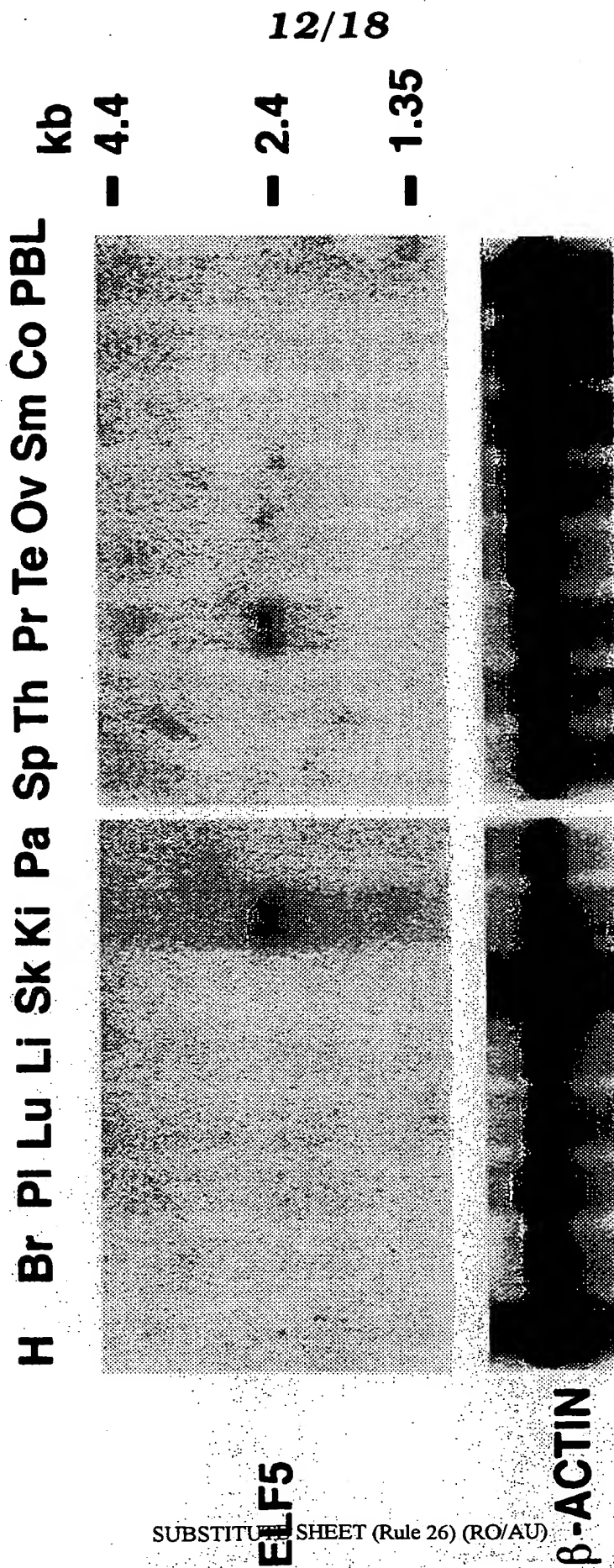
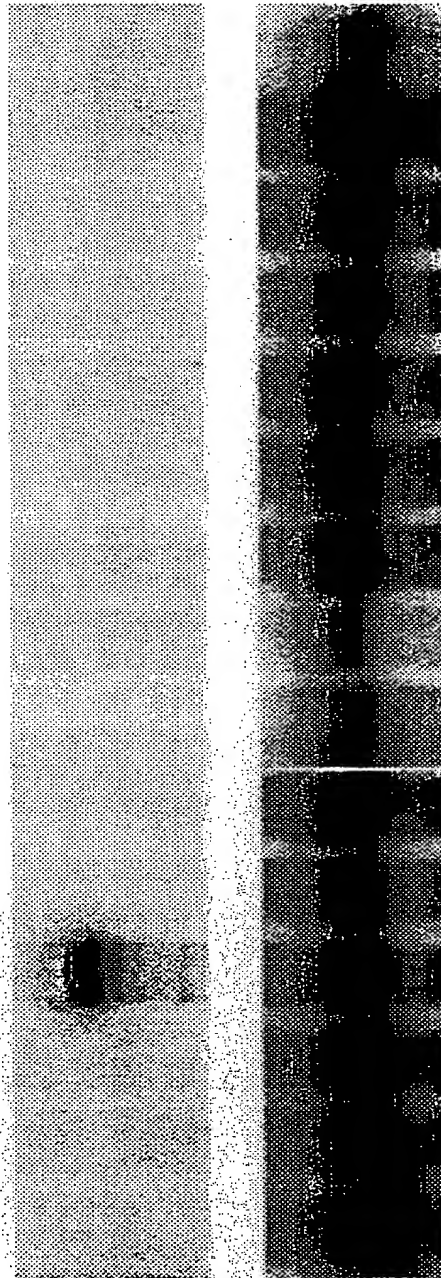


Figure 5a

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



ELF5

GAPDH

Figure 5b

TOETBO" E4098/60

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PCT/AU99/00691

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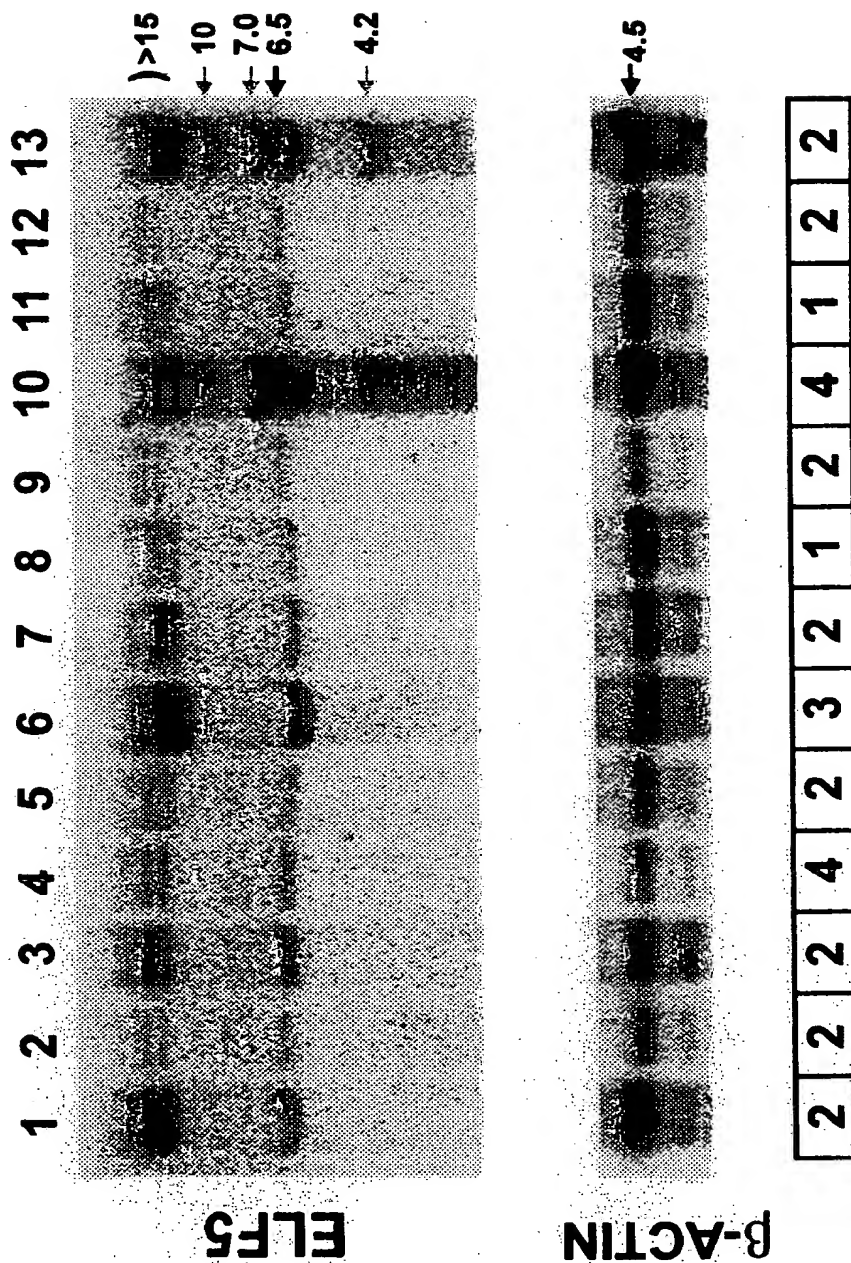
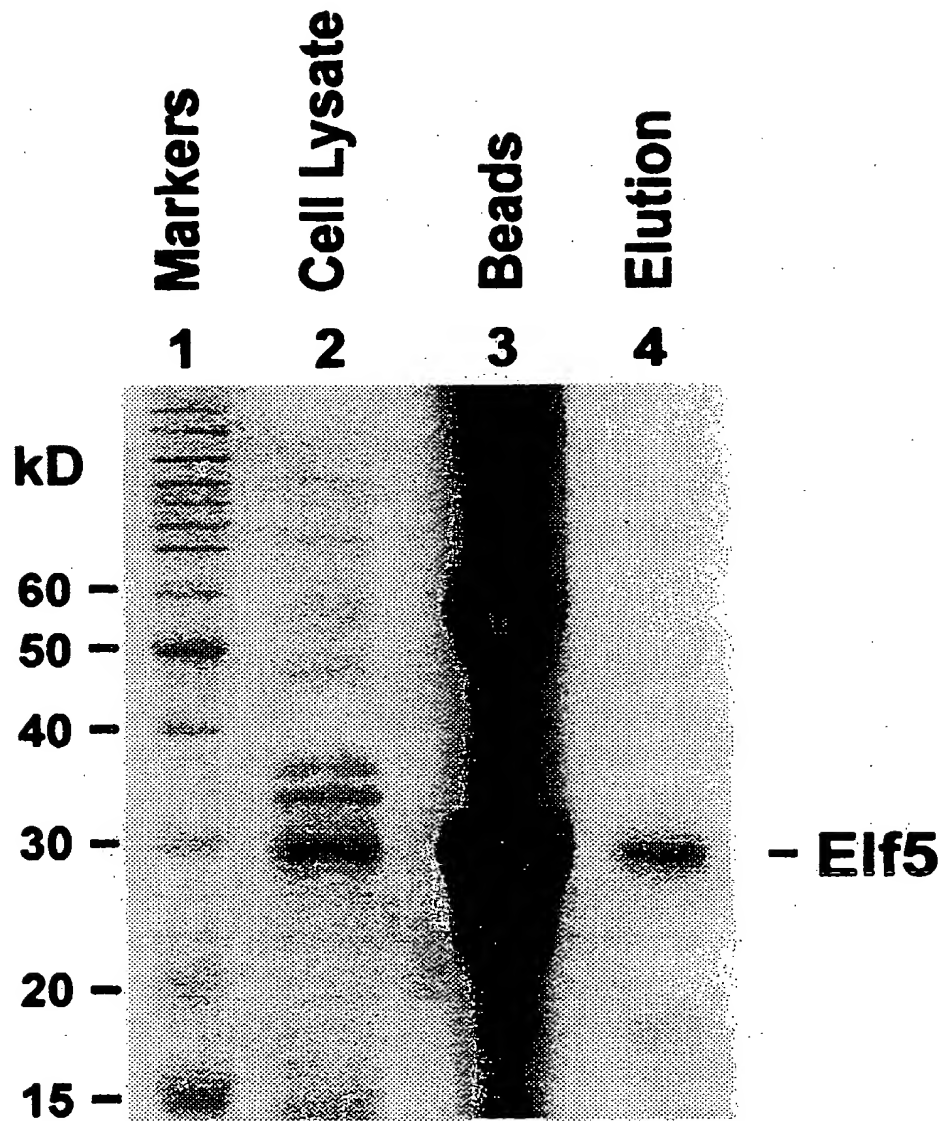


Figure 5c

REF ID: A66926

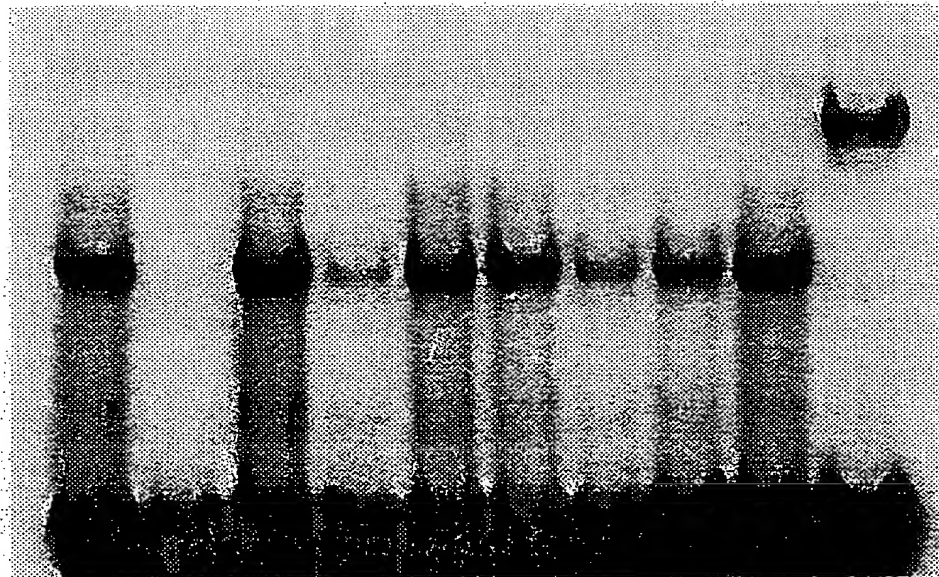


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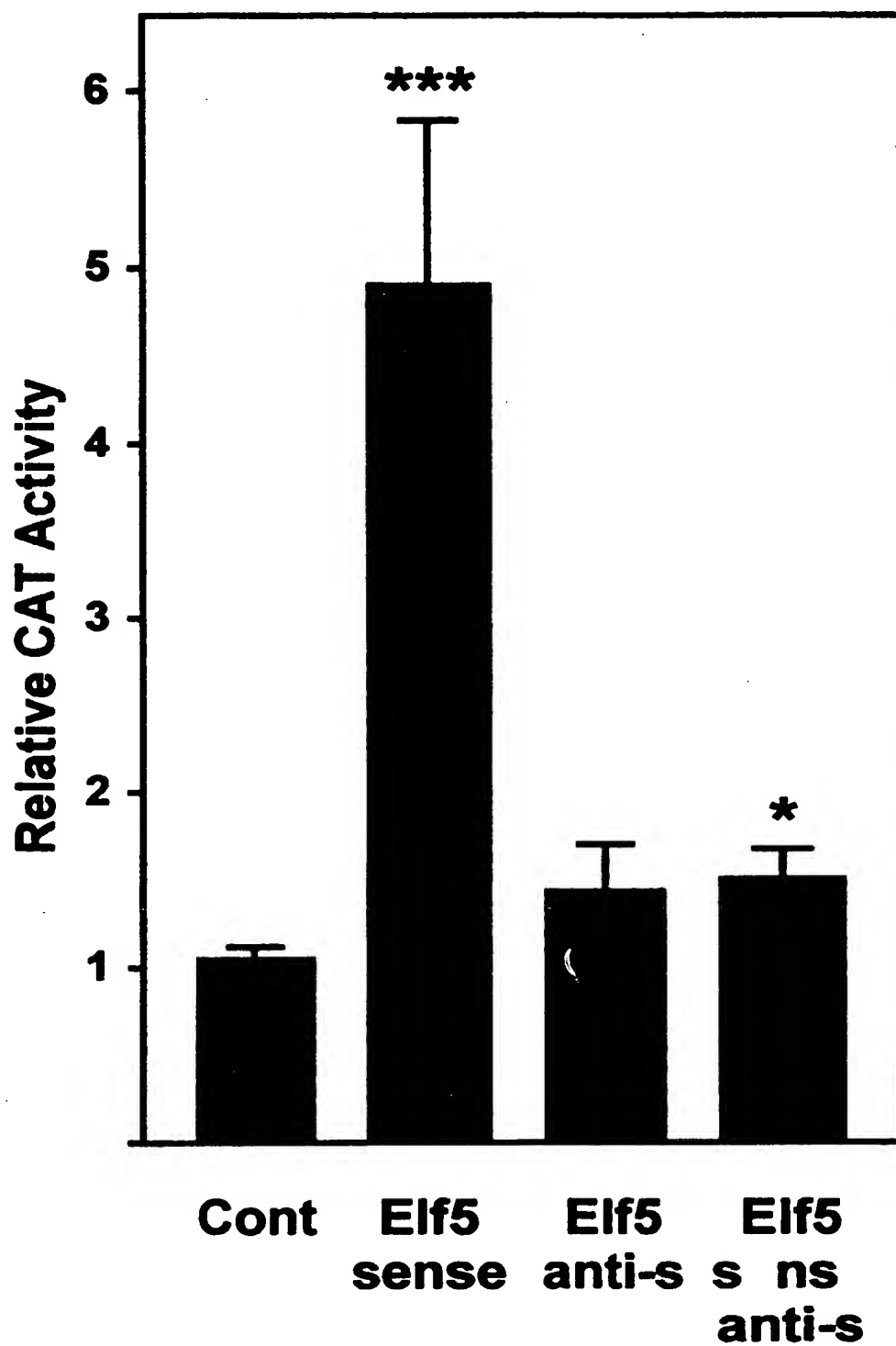
| Protein | Elf5 | | | | | | | | | ETS1 |
|------------|------|-----------|-----|-----|-----------|-----------|-----------|-----|-----|------|
| Probe | E74 | E74 m1 | E74 | | | | | | | |
| Competitor | - | - | - | E74 | E74 m1 | GM ETS | ERB B2 | MSV | AP1 | - |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

ETS1—

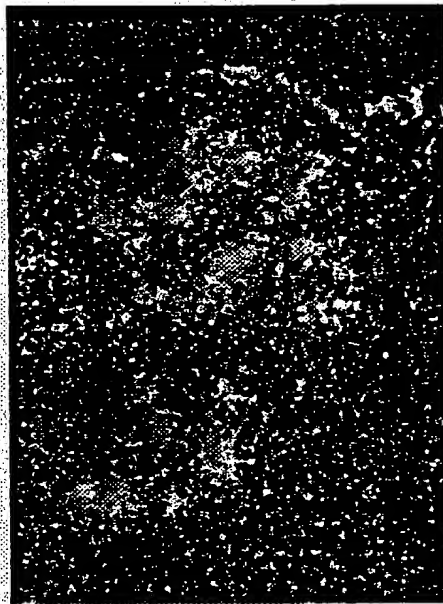
Elf5 —

Free —
Probe

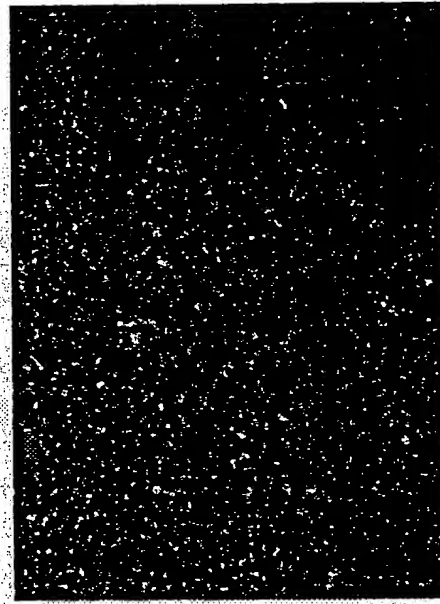
17/18



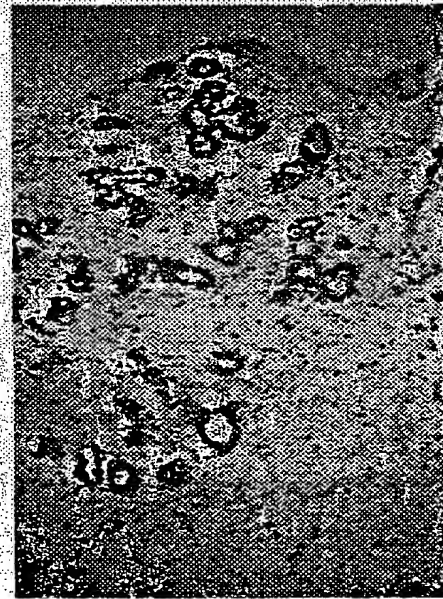
18/18



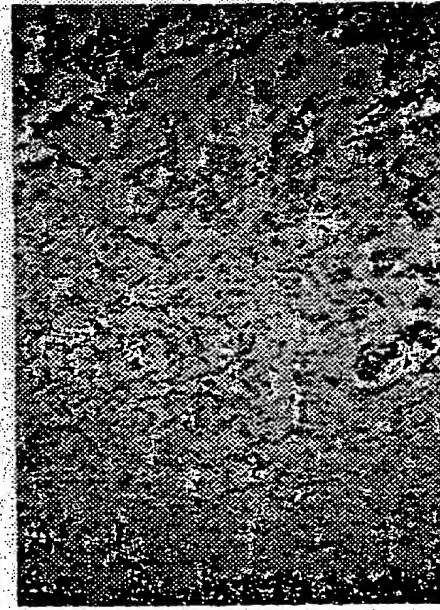
STAIN



ELF5



STAIN



ELF5

NORMAL

NEOPLASIA

Figure 8